



TELLURIUM HEXAFLUORIDE

UN 2195

Shipping Name: Tellurium hexafluoride

Other Names: Tellurium fluoride



WARNING! • POISON! BREATHING THE GAS CAN KILL YOU!

- Firefighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel

Hazards:

- Gas is heavier than air and will collect and stay in low areas
- Container may explode when exposed to fire
- Irritating to skin, eyes, nose and lungs
- Decomposes upon heating to release toxic hydrofluoric acid and tellurium

Awareness and Operational Level Training Response:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Stay upwind and uphill
- Determine the extent of the problem
- Isolate the area of release or fire and deny entry
- For container exposed to fire evacuate the area in all directions because of the risk of explosion
- Evacuate or shelter in place the immediate area and downwind for a large release
- Notify local health and fire officials and pollution control agencies

Description:

- Colorless, compressed gas
- Repulsive odor
- Decomposes slowly in water
- Nonflammable
- Gas is heavier than air and will collect and stay in low areas
- May impart a garlic-like odor to the breath and sweat after exposure

Operational Level Training Response:

RELEASE, NO FIRE:

- Stop the release if it can be done safely from a distance
- Use large amounts of water to disperse gas - contain runoff
- Ventilate confined area if it can be done without placing personnel at risk
- If in a building, confine gas by closing doors and shutting down HVAC systems while evacuating the occupants

FIRE:

- Material does not burn; fight surrounding fire with an agent appropriate for the burning material
- Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cylinders are exposed to excessive heat from fire or flame contact, withdraw immediately to a secure location

First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ♦ Swallowed - do not make the victim vomit
- Seek medical attention
- Toxic effects may be delayed
- Note to physician: skin burns can be treated with calcium gluconate gel

CAS: 7783-80-4